

### **Abstract of Disclosure**

This invention discloses an apparatus and method for identifying an organ within a human body by calculating the distances of an input ultrasound image signal and the ultrasound image signals classified by the predetermined types of organs in a database, which is based on the feature vectors of the inputted ultrasound image signal and the average vector and the standard deviation vector of the ultrasound image signals, thereby determining an ultrasound image signal having the shortest distance among the calculated distances as the optimal organ image signal for the input ultrasound image signal.